

The background of the slide is a dark blue field filled with a complex network of glowing white and light blue nodes connected by thin lines, creating a sense of digital connectivity and data flow. The nodes are scattered across the frame, with some appearing more prominent than others.

Safety Days
Volvo Group Sustainability – Niklas Gustafsson

VOLVO

**The Volvo Group Mission is to Drive Prosperity
Through Transport Solutions**



VOLVO

UN Sustainable Development Goals



Opportunities for business





Transport challenges and solutions

VOLVO

Serious concerns - that is changing our business models

Global warming



Air quality



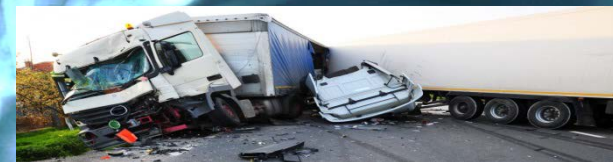
Energy scarcity



Congestion



Traffic safety



Serious concerns

- that is changing our business models

Global warming



Air quality



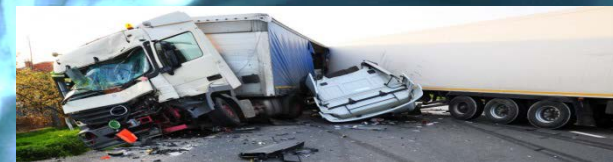
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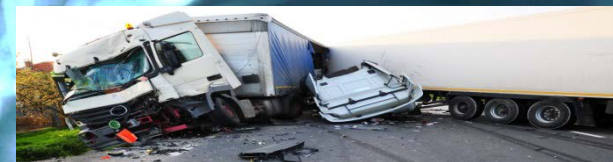
Energy scarcity



Congestion



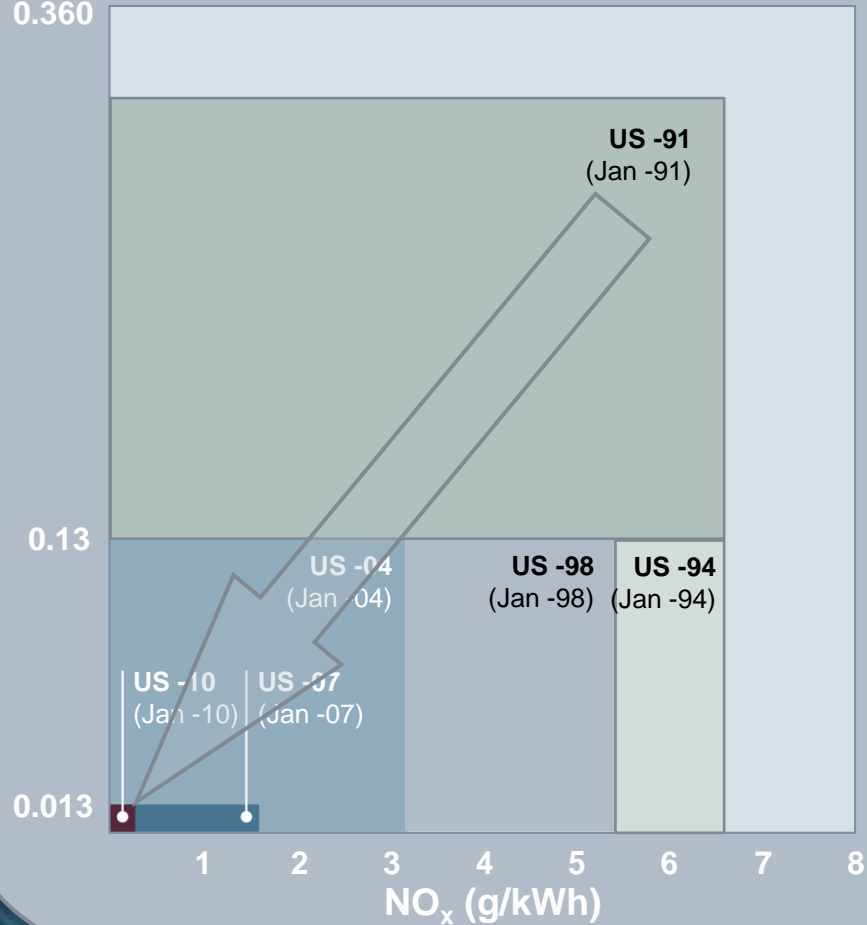
Traffic safety





Focus shift Test cell → Real life

PM (g/kWh) US heavy duty vehicles



Serious concerns - that is changing our business models

Global warming



Air quality



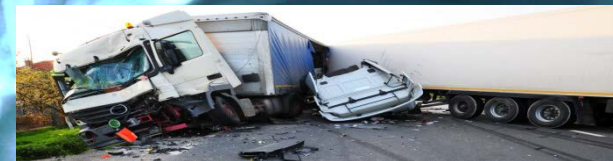
Energy scarcity



Congestion



Traffic safety





Energy security will define future fuels

“Business as usual” will not be enough



Serious concerns - that is changing our business models

Global warming



Air quality



Energy scarcity



Congestion



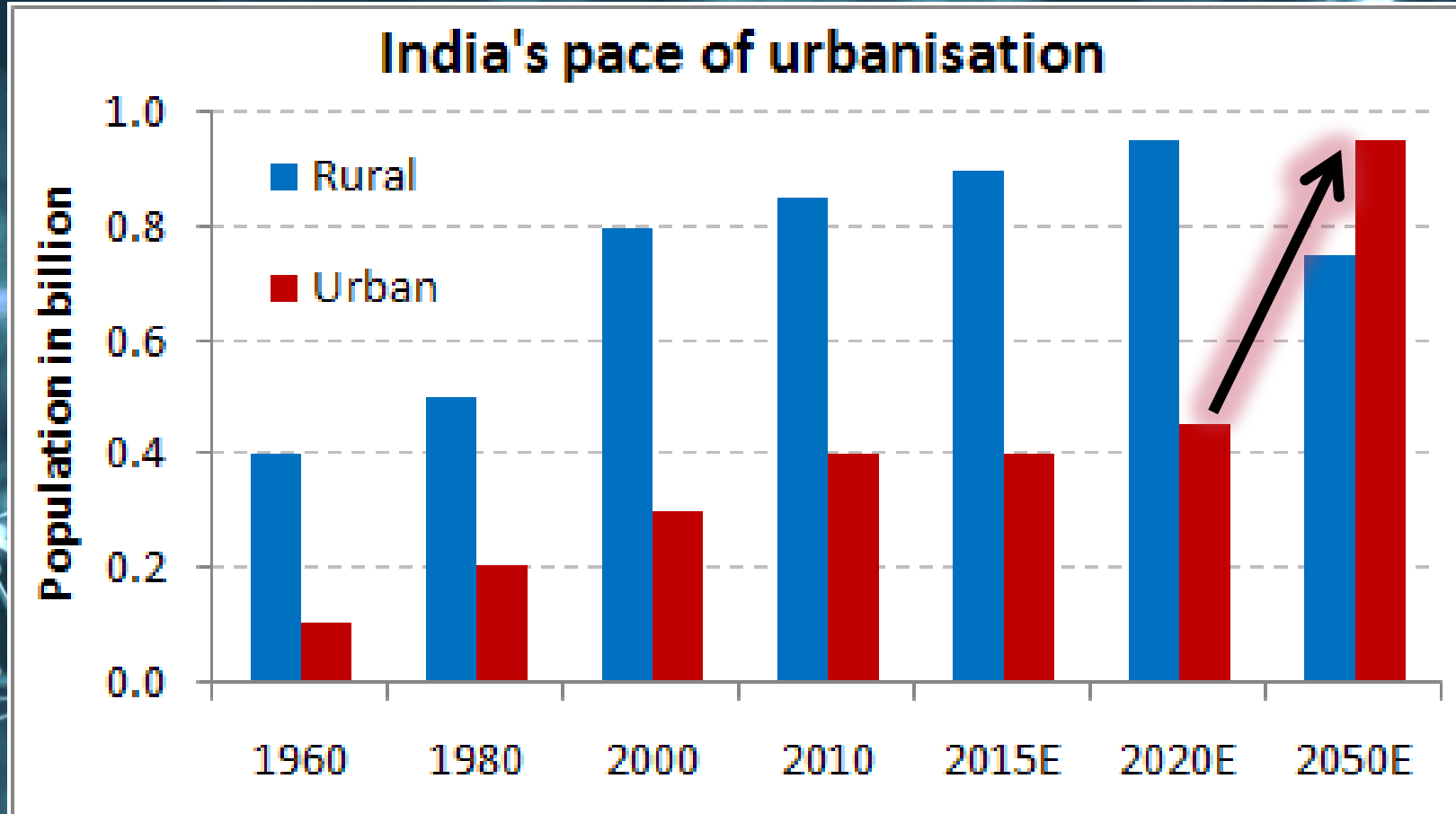
Traffic safety





Urbanisation and increased personal mobility

“Business as usual” will not be enough



Serious concerns - that is changing our business models

Global warming



Air quality



Energy scarcity



Congestion



Traffic safety



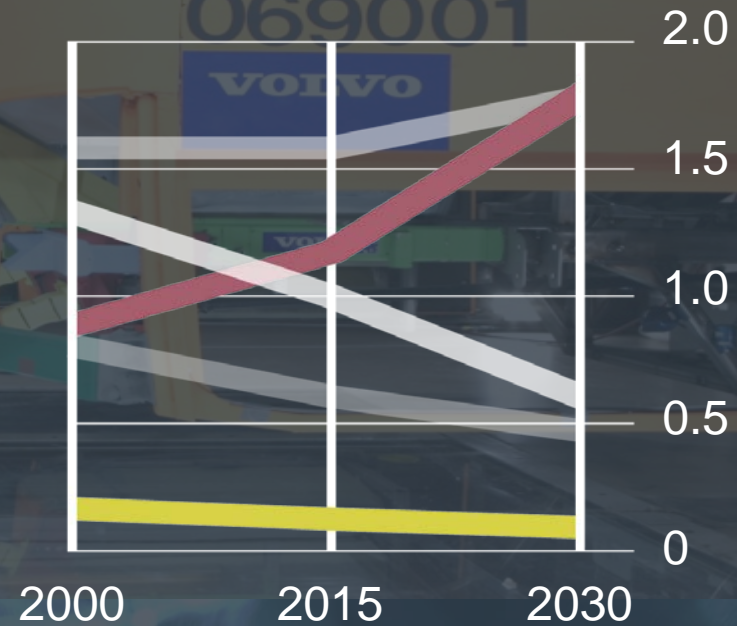


Accidents are increasing and changing

“Business as usual” will not be enough

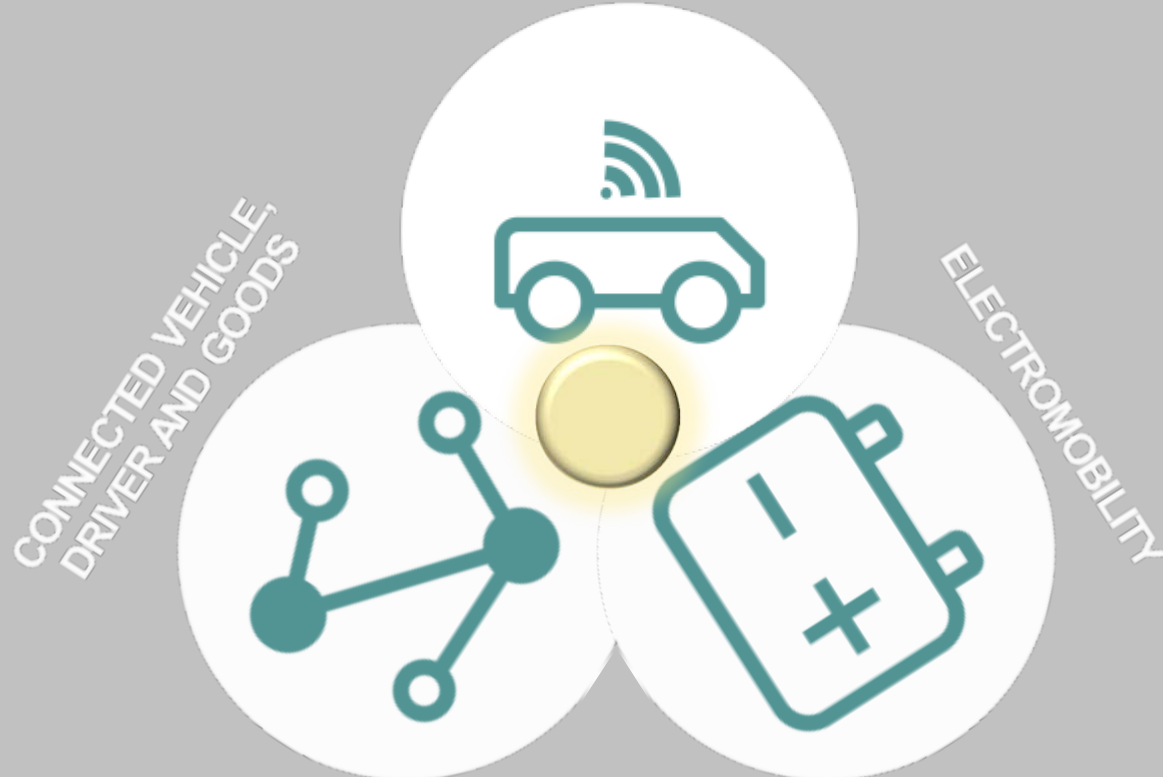
Global deaths by selected cause

- Road traffic accidents in emerging and growth countries
- Road traffic accidents in mature markets
- HIV / AIDS
- Tuberculosis
- Malaria



Disruptive technologies is part of the solution

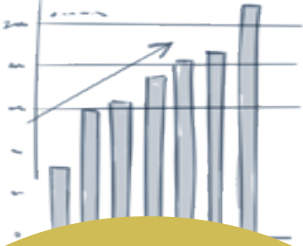
PATH TO AUTOMATION



SUSTAINABLE TRANSPORT



Environmental dimension:
Energy efficiency
and low emissions



Economic dimension:
More efficient and
productive transport
system



Social dimension:
Safe and socially
inclusive transport solutions

Way Forward

A paradigm shift for the transport industry

Connectivity – Automation – Electromobility



On the verge of a paradigm shift

Smart cities animation

<https://www.youtube.com/watch?v=d1DndVz9dAs>

Technology can break the curve



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